

**ABSTRACT**

**[00048]** Process for layer-wise production of a three dimensional body (generative rapid prototyping), in particular by 3D binder printer, including a multiple succession of the steps of depositing a powder particle layer, activating in defined areas an adhesive present on the powder particles and/or in the powder particle coating, as well as adhering the powder particles to each other and to the layer thereunder, wherein the powder particle layer is electrically discharged by ionized particles and brushed flat by means of an electrically insulated blade prior to activation of the adhesive material, and the invention further concerns a device adapted for application of thin powder particle layers, including at least one ionizing device.